

Subl. For, PTO-1449

Docket Number
110313.135US3Application Number
10/697,863INFORMATION DISCLOSURE
IN AN APPLICATION

(Use several sheets if necessary)

Applicant
Clapham et al.Filing Date
October 30, 2003Group Art Unit
~~1045~~ 1647

Sheet 1 OF 1

U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

Foreign Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SLW	WO 01/07611 A2	01 Feb 2001	PCT				
SLW	WO 01/54477 A2	02 Aug 2001	PCT				
SLW	WO 03/091434 A1	06 Nov 2003	PCT				

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

SLW	Q	Database EMBL, May 30, 2000, XP002306734, Database Accession No. AP000586
	R	Database EMBL, March 3, 2000, XP002306735, Database Accession No. AA416682
	S	Database EMBL, March 3, 2000, XP002306736, Database Accession No. AA416577
	T	Database EMBL, December 1, 2001, XP002306737, Database Accession No. Q96P76
	U	Database EMBL, October 15, 2001, XP002306738, Database Accession No. AF407333
	V	Database EMBL, December 1, 2001, XP002306739, Database Accession No. Q91ZR5
	W	Database EMBL, October 15, 2001, XP002306740, Database Accession No. AF407332
	X	Ren et al., A Sperm Ion Channel Required for Sperm Motility and Male Fertility," Nature, Macmillian Journals Ltd., London, Vol. 413, No. 6856, October 11, 2001, pp 603-609

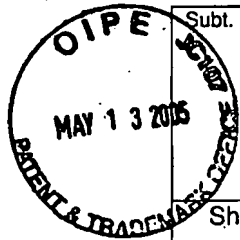
EXAMINER

/Sandra Wegert/

DATE CONSIDERED

02/01/2007

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Sheet	1	OF	2				

U.S. Patent Documents				
Examiner Initial	Document Number	Publn. Date mm-dd-yyyy	Name Of Patentee Or Applicant Of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear

Foreign Patent Documents					
Examiner Initial	Cite No.	Foreign Patent Document	Publn. Date mm-dd-yyyy	Country	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code-Number-Kind			
SLW		WO 00/61624	10-19-2000	PCT	
		WO 01/75067 A2	10-11-2001	PCT	
		WO 02/090567 A2	11-14-2002	PCT	
		WO 03/089583 A2	10-30-2003	PCT	
		WO 03/099865 A1	12-04-2003	PCT	

Examiner's Initial	Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)	
SLW	Y	Database EMBL, 20 October 2000, XP002314898, Database Accession No. BF092492
	Z	Database EMBL, 8 October 2001, XP002314906, Database Accession No. BI826910
	AA	Database EMBL, 8 October 2001, XP002314907, Database Accession No. BI829451
	AB	Database EMBL, 9 May 2001, XP002314908, Database Accession No. BG718343
	AC	Database EMBL, 9 May 2001, XP002314909, Database Accession No. BG718245
	AD	Database EMBL, 29 November 2001, XP002314910, Database Accession No. ABL90376
	AE	Database EMBL, 29 November 2001, XP002314911, Database Accession No. ABB89967
	AF	Database EMBL, 25 March 2004, XP002314912, Database Accession No. ACN41330
	AG	Database EMBL, 25 January 2001, XP002314968, Database Accession No. BF934163
	AH	Garbers D.L., "Ion channels. Swimming with sperm," Nature, Vol. 413, No. 6856, Oct 2001, pp. 579, 581-582, XP 002314956
	AI	Quill, T. A., et al., "A voltage-gated ion channel expressed specifically in spermatozoa," Proc. Natl. Acad. Sci. USA, Vol. 98, No. 22, October 2001, pp. 12527-12531, XP002253116

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				Filing Date October 30, 2003		Group Art Unit 1645 1647	
Sheet	2	OF	2				

SLW	AJ	Database EMBL, 8 June 2000, XP002314899, Database Accession No. AW971983
	AK	Database EMBL, 14 November 1997, XP002314900, Database Accession No. AA662668
	AL	Database EMBL, 2 December 2000, XP002314901, Database Accession No. BF436942
	AM	Database EMBL, 11 September 1997, XP002314902, Database Accession No. AA574312
	AN	Database EMBL, 30 November 1999, XP002314903, Database Accession No. AW197851
	AO	Database EMBL, 2 March 2000, XP002314904, Database Accession No. AW472972
	AP	Database EMBL, 11 October 2001, XP002314905, Database Accession No. AAS90759

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PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/697863-Conf. #1595
				Filing Date	October 30, 2003
				First Named Inventor	David CLAPHAM
				Art Unit	1647
				Examiner Name	S. L. Wegert
Sheet	1	of	1	Attorney Docket Number	0110313.00135US3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
SLW	CA	AVIDAN et al., European Journal of Human Genetics, 2003, 11:497-502.			
SLWCB		LOBLEY et al., Reprod. Biol. Endocrinol. 2003, 1:53, 15 pages.			
SLW	CC	SKOLNICK et al., Trends in Biotechnology, 2000, 18: 34-39.			
SLW	CD	WHISSTOCK et al., Quarterly Review of Biophysics, 2003, 36:307-340.			

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Sandra Wegert/	Date Considered	02/01/2007
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